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PATENT APPLICATION
ATTORNEY DOCKET NO.: 72934

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): MASUDA et al.

Serial No.: Not Yet Assigned

Filing Date: Herewith

Title: OPTICAL FIBER AMPLIFIER
AND OPTICAL
COMMUNICATION SYSTEM
USING THE SAME

Group
Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

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PRELIMINARY AMENDMENT

Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

Prior to examination of this new U.S. patent application, Applicants respectfully submit the following amendments and remarks to be entered into this patent application. For the convenience of the examiner and the Office the entire set of claims for this application is provided herewith. A marked-up copy of the claims as amended by this Amendment is submitted herewith.

IN THE CLAIMS:

Please amend claims as follow:

1. An optical fiber amplifier comprising:
two laser sources emitting pump light beams of wavelengths different from each other;
and
a tellurite fiber pumped with the pump light emitted from said two laser sources;
wherein the absolute difference in wavenumber between said pump light beams
emitted from the two laser sources is 125-290cm⁻¹.

2. The optical fiber amplifier as claimed in claim 1, further comprising a coupler that combines the pump light beams emitted from said two laser sources.

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